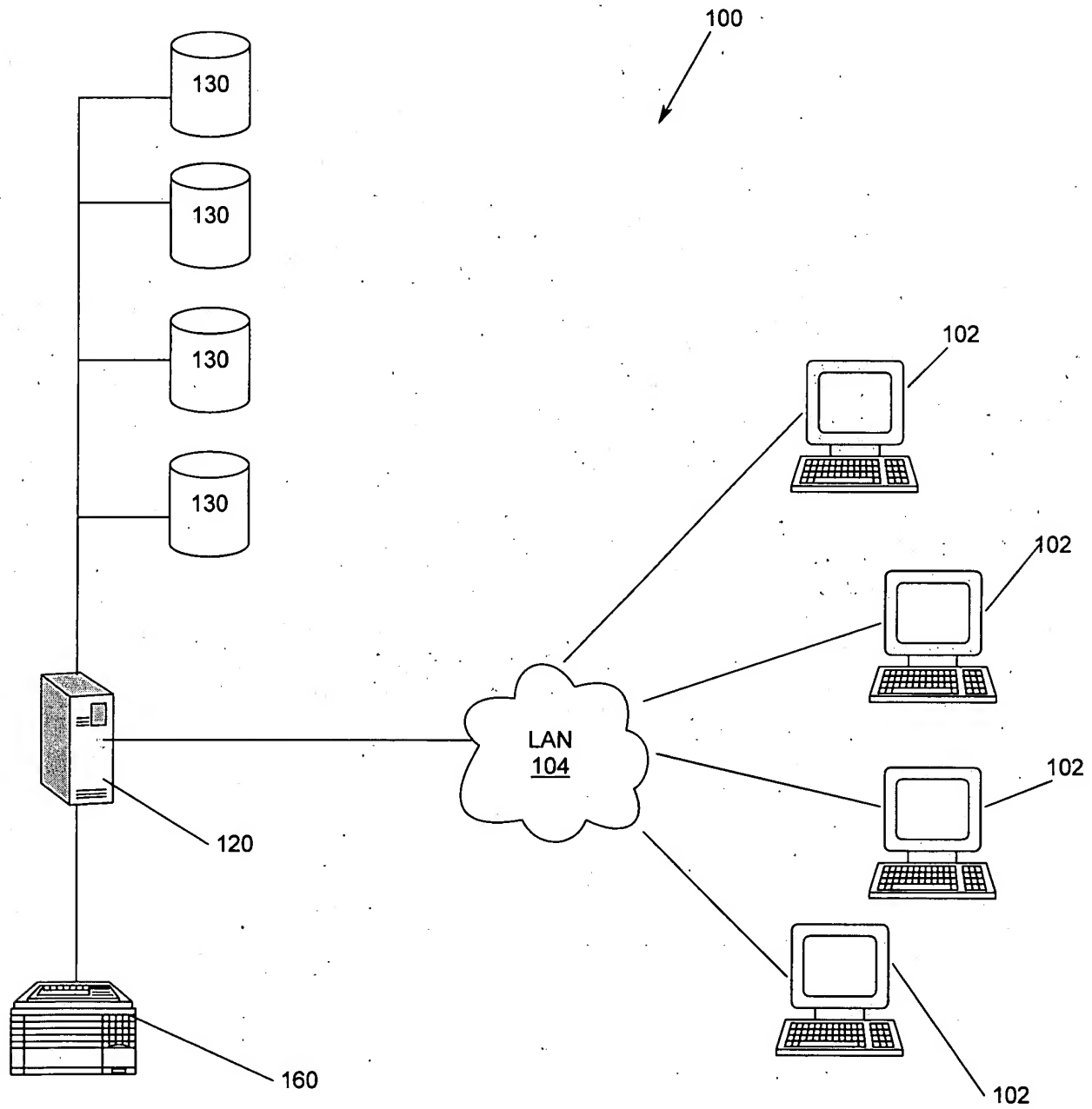


Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
WITHIN A NETWORK OF STORAGE ELEMENTS

Applicants: Aschoff, et al.

Docket: SJO920030019US1/IBMS.069PA

Sheet 1 of 7



Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
WITHIN A NETWORK OF STORAGE ELEMENTS

Applicants: Aschoff, et al.

Docket: SJO920030019US1/IBMS.069PA

Sheet 2 of 7

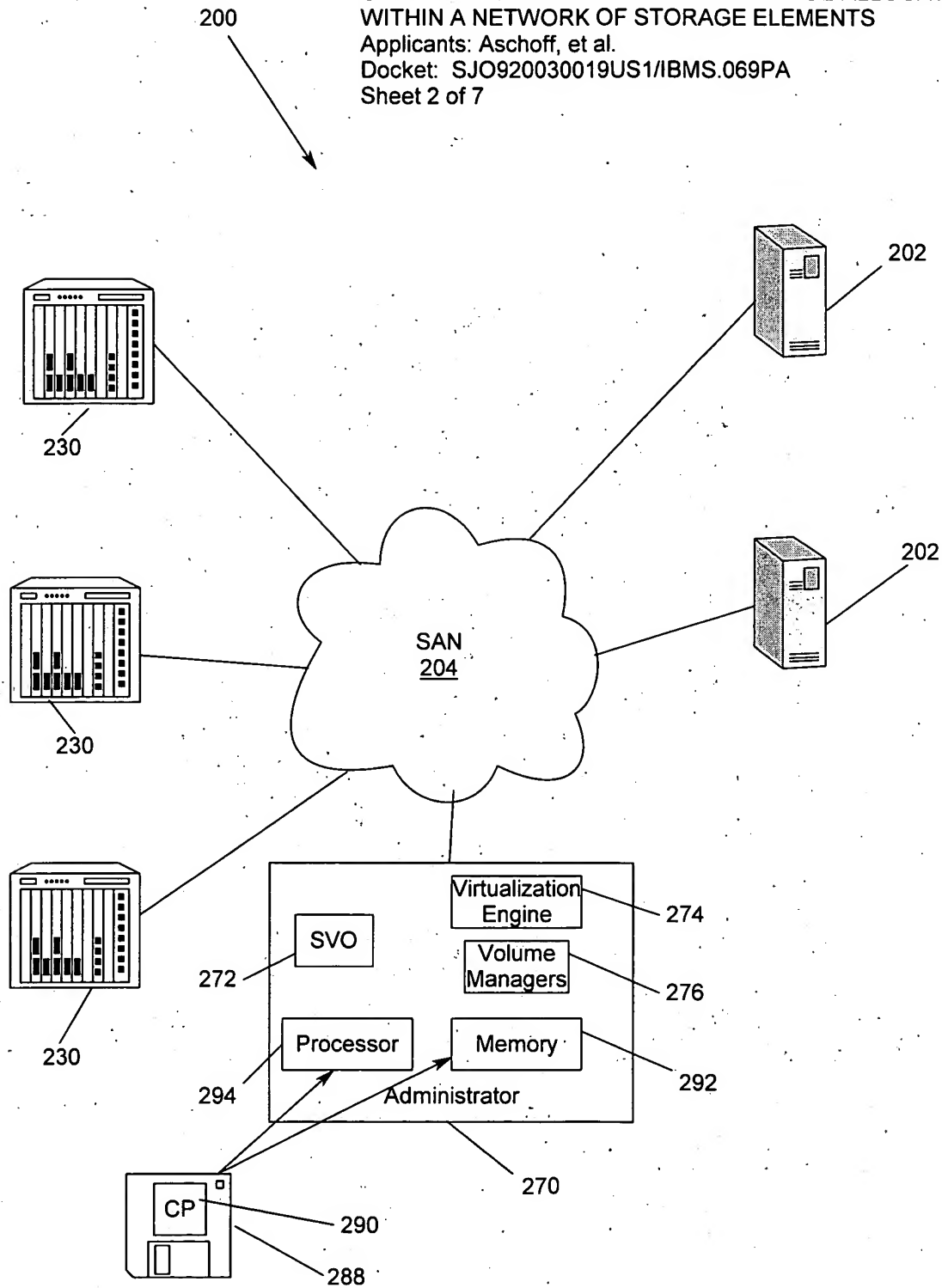


Fig. 2

Title: METHOD, APPARATUS AND PROGRAM STORAGE
 DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
 OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
 WITHIN A NETWORK OF STORAGE ELEMENTS

Applicants: Aschoff, et al.
 Docket: SJO920030019US1/IBMS.069PA
 Sheet 3 of 7

300

Attributes
310 UNDERSTANDING OF THE USER WORKLOAD ATTRIBUTES AND DESIRED LEVELS OF PERFORMANCE
312 KEEPING INFORMATION ABOUT THE AVAILABLE CAPACITY WITHIN THE NETWORK OF STORAGE ELEMENTS
314 UNDERSTANDING OF THE PERFORMANCE CHARACTERISTICS OF THE INDIVIDUAL PIECES OF STORAGE AT DIFFERENT LOCATIONS WITHIN THE NETWORK AS A FUNCTION OF THE USER WORKLOAD
316 RECOGNIZING THE PRESENCE AND ATTRIBUTES OF COMPETING WORKLOADS SHARING THE USE OF STORAGE OVER EXTENDED PERIODS OF TIME, AS MAINTAINED IN A HISTORICAL PERFORMANCE DATABASE

Fig. 3

Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
WITHIN A NETWORK OF STORAGE ELEMENTS

Applicants: Aschoff, et al.

Docket: SJO920030019US1/IBMS.069PA

Sheet 4 of 7

400

410	MECHANISMS OF THE STORAGE VIRTUALIZATION OPTIMIZER FOR OBTAINING WORKLOAD REQUIREMENTS
412	CANNED WORKLOAD DESCRIPTIONS MAY BE PROVIDED
414	WORKLOAD DESCRIPTIONS MAY BE AUTOMATICALLY CREATED BASED ON A CUSTOMER'S WORKLOAD
	INTELLIGENT SOFTWARE COMPONENTS MAY BE PROVIDED TO PROVIDE WORKLOAD DESCRIPTIONS

Fig. 4

500

Title: METHOD, APPARATUS AND PROGRAM STORAGE
 DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
 OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
 WITHIN A NETWORK OF STORAGE ELEMENTS
 Applicants: Aschoff, et al.
 Docket: SJO920030019US1/IBMS.069PA
 Sheet 5 of 7

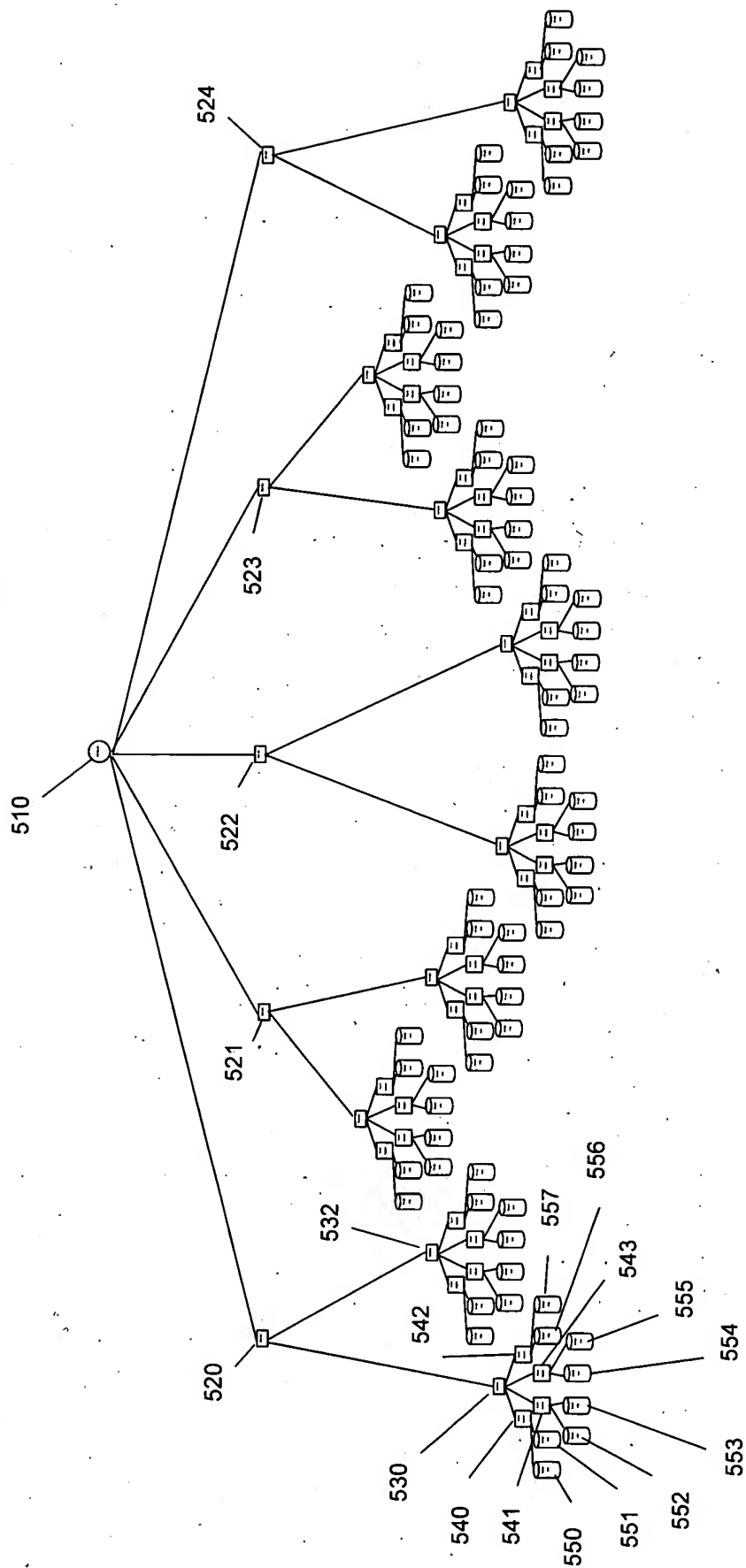


Fig. 5

Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
WITHIN A NETWORK OF STORAGE ELEMENTS

Applicants: Aschoff, et al.

Docket: SJO920030019US1/IBMS.069PA

Sheet 6 of 7

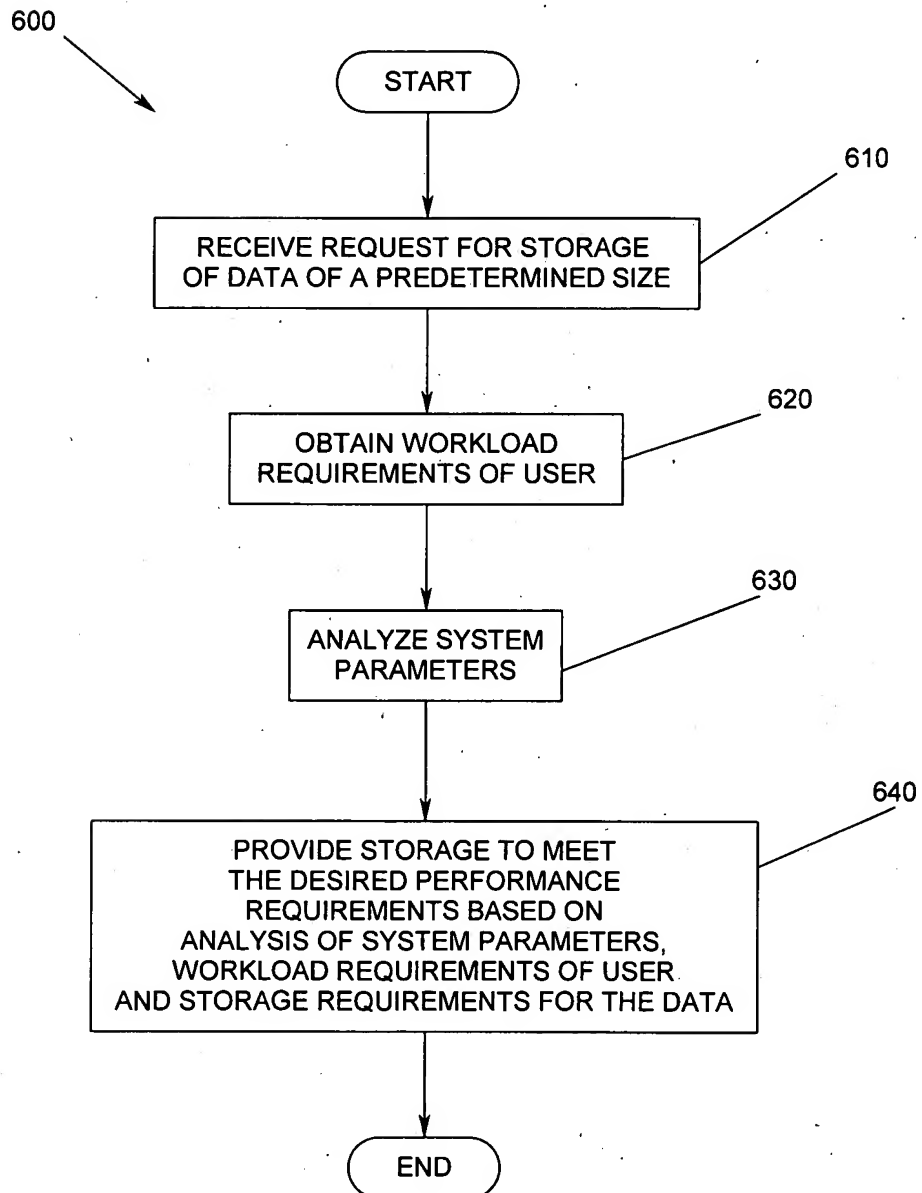


Fig. 6

Title: METHOD, APPARATUS AND PROGRAM STORAGE
DEVICE FOR PROVIDING AUTOMATIC PERFORMANCE
OPTIMIZATION OF VIRTUALIZED STORAGE ALLOCATION
WITHIN A NETWORK OF STORAGE ELEMENTS

Applicants: Aschoff, et al.

Docket: SJO920030019US1/IBMS.069PA

Sheet 7 of 7

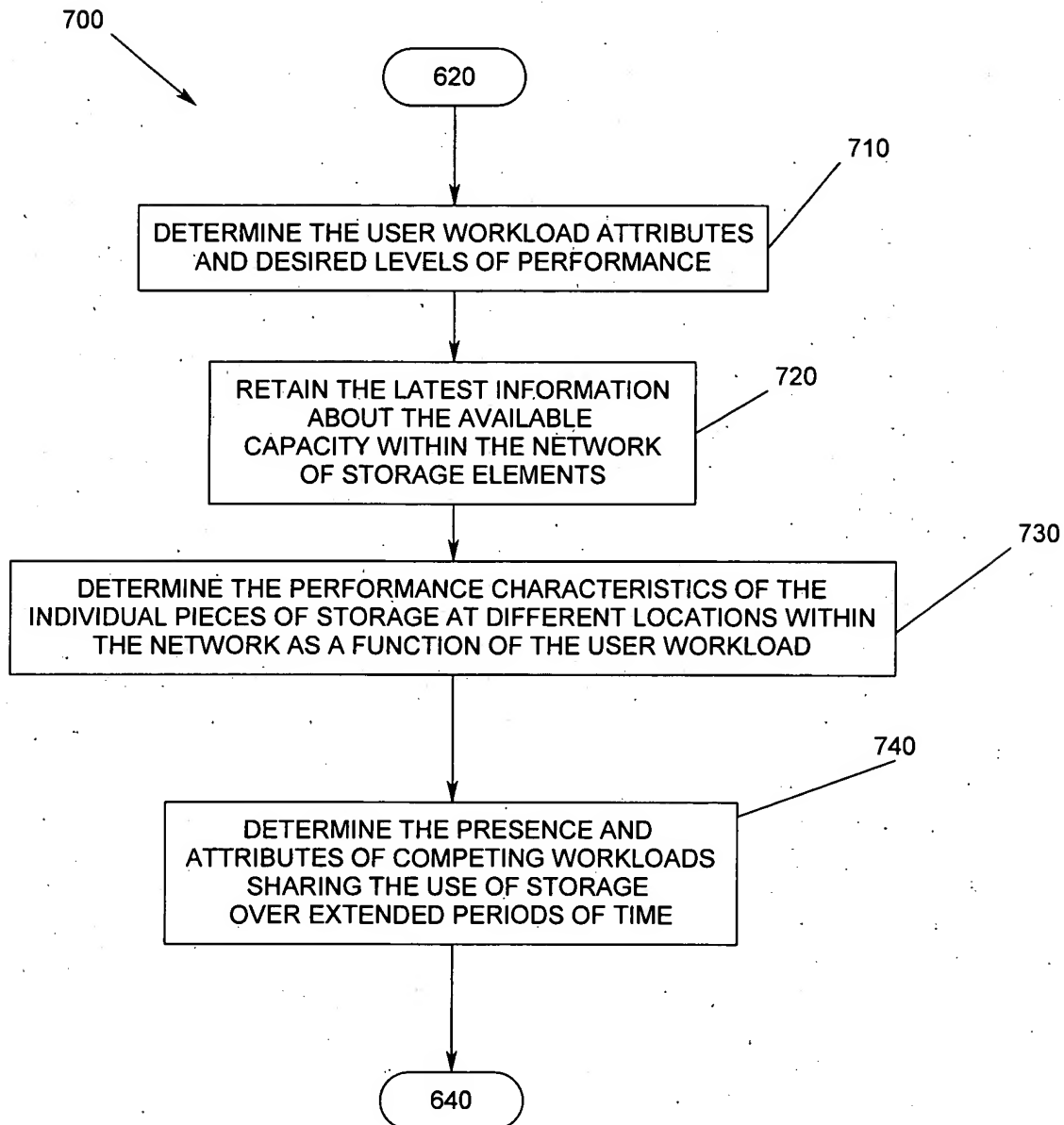


Fig. 7